

# ASI/DVB-T Transmodulator

Professional DVB-T modulator

| EAN | Colour | Item no. | Weight (Box) | Weight | Device (W x H x D) | Box |
|---|---|---|---|---|---|---|
| 4019588059788 | silver | 0000/5978 | 300 g | 300 g | 4 x 11 x 40,5 cm | 6 x 23,3 x 48,5 cm |

### AMBIENT OPERATING CONDITIONS

- Ambient temperature: 0 ... 45 °C
- Humidity: 10 ... 90 %

### ASI INPUT

- Interface: BNC-socket, 75 Ohm
- Effective data rate: 100

### DVB-T OUTPUT

- Modulation: QPSK, 16-QAM, 64-QAM
- Channel bandwidth: 6, 7, 8 MHz
- FFT mode: 2k
- Guard interval: 1/4, 1/8, 1/16, 1/32
- FEC: 1/2, 2/3, 3/4, 5/6, 6/7, 7/8
- Symbol rate: 6,75 @ 8MHz BW
- I/Q amplitude error: < 0,3 %
- I/Q phase error: < 0,3 °
- Phase jitter: < 0,5 °
- MER: > 36 dB (64-QAM, Equalizer)
- Frequency range: 48 ... 860 MHz (10 kHz Schrittweite)
- Output level: 97 ... 110 (1 dB Schrittweite)
- Secondary wave suppression: > 55 dB
- Signal output: F-Socket
- Output impedance: 75 Ω
- Return loss: > 12 dB

### GENERAL CHARACTERISTICS

- Top features: DVB-T modulator / EN 300744
- Top features: ASI input
- Top features: Output frequency range from 48-860 Mhz (K2 to K69); suitable for adjacent channels
- Top features: output leven adjustable from 97-110 dBµV
- Top features: NIT generation

### SCOPE OF DELIVERY

- TechniNet ASI/DVB-T transmodulator, Front panel, Back panel, Ethernet Patch-cable, BNC-connection cable